

WHAT IS CLAIMED IS:

1. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

input means for defining a file name including a portion where a part of a character string regularly changes and a portion where a character string does not change, for each of several image files corresponding to a plurality of images having a parallax between left and right eyes, and for inputting the character string to the portion where the character string does not change;

addition means for adding the character string of the regularly changing portion to the character string input by said input means;

image determination means for making images whose file names, for each of which the character string has been added by said addition means, to be images corresponding to the left and right eyes; and

display means for displaying said images.

2. An apparatus according to Claim 1, wherein said image determination means makes images corresponding to an  $m$  (a positive integer)-th file name and an  $n$  (a positive integer different from  $m$ )-th file name to be a first image for the left eye and a first image for the right eye, respectively, and makes images corresponding to an  $(m+k)$  ( $k$  being a positive integer))-th file name and an  $(n+k)$ -th file name to be a  $k$ -th image for the left eye and a  $k$ -th image for the right eye, respectively.

3. An apparatus according to Claim 2, wherein values of the  $m$  and  $k$  are input from outside the apparatus.

4. An apparatus according to Claim 2, wherein a value of the  $k$  is limited to being a multiple of an input number.

5. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

an input step of defining a file name, including a portion where a part of a character string regularly changes and a portion where a character string does not change, for each of several image files corresponding to a plurality of images having a parallax between left and right eyes, and for inputting the portion of the character string that does not change;

an addition step of adding the character string of the regularly changing portion to the portion of the character string input in said input step;

an image determination step of making images corresponding to file names, for each of which the character string is added in said addition step, to be images corresponding to the left and right eyes; and

a display step of displaying said images.

6. A method according to Claim 5, wherein in said image determination step, images corresponding to an  $m$  (a positive integer)-th file name and an  $n$  (a positive integer different from  $m$ )-th file name are made to be a first image for the left eye and a first image for the right eye, respectively,

and images corresponding to an  $(m+k)$  ( $k$  being a positive integer)-th file name and an  $(n+k)$ -th file name are made to be a  $k$ -th image for the left eye and a  $k$ -th image for the right eye, respectively.

7. A method according to Claim 6, wherein values of  $m$  and  $k$  are input from outside the input step.

8. A method according to Claim 7, wherein a value of  $k$  is limited to being a multiple of an input number.

9. A storage medium for storing a program for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

an input step of defining a file name, including a portion where a part of a character string regularly changes and a portion where a character string does not change, for each of several image files corresponding to a plurality of images having a parallax between left and right eyes, and for inputting the portion of the character string that does not change;

an addition step of adding the character string of the regularly changing portion to the portion of the character string input in said input step;

an image determination step of making images corresponding to file names, for each of which the character string is added in the addition step, to be images corresponding to the left and right eyes; and

a display step of displaying said images.

10. A storage medium according to Claim 9, wherein in said image determination step, images corresponding to an  $m$  (a positive integer)-th file name and an  $n$  (a positive integer different from  $m$ )-th file name are made to be a first image for the left eye and a first image for the right eye, respectively, and images corresponding to an  $(m+k)$  ( $k$  being a positive integer)-th file name and an  $(n+k)$ -th file name are made to be a  $k$ -th image for the left eye and a  $k$ -th image for the right eye, respectively.

11. A storage medium according to Claim 10, wherein values of  $m$  and  $k$  are input from outside the storage medium.

12. A storage medium according to Claim 11, wherein a value of the  $k$  is limited to being a multiple of an input number.

13. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

input means for inputting a character string of a portion common to two image-file names corresponding to an arbitrary pair of stereoscopic images when selecting the pair of stereoscopic images from a plurality of image files;

identifier addition means for adding an identifier for a left eye or a right eye to the character string input by said input means; and

display means for displaying images,

wherein two image files having the identifier added by said identifier addition means are read and displayed as a pair of stereoscopic images for

the left eye and the right eye.

14. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

file-name input means for inputting a character string of one of two image-file names corresponding to an arbitrary pair of stereoscopic images when selecting the pair of stereoscopic images from a plurality of image files;

identifier replacement means for replacing an identifier for a left eye or a right eye present at a predetermined position in the character string input by said file-name input means with an identifier for the right eye or the left eye, respectively;

reading means for reading two image files having a file name for the left eye or the right eye input by said file-name input means and a file name for the right eye or the left eye where the identifier has been replaced by said identifier replacement means, as a pair of stereoscopic images for the left eye and the right eye; and

display means for displaying the pair of stereoscopic images.

15. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

an input step of inputting a character string of a portion common to two image-file names corresponding to an arbitrary pair of stereoscopic images when selecting the pair of stereoscopic images from a plurality of image files;

an identifier addition step of adding an identifier for a left eye or a right eye to the character string input in said input step;

a reading step of reading two image files having the identifier added in said identifier addition step as a pair of stereoscopic images for the left eye and the right eye; and

a displaying step of displaying the pair of stereoscopic images.

16. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

a file-name input step of inputting a character string of one of two image-file names corresponding to an arbitrary pair of stereoscopic images when selecting the pair of stereoscopic images from a plurality of image files;

an identifier replacement step of replacing an identifier for a left eye or a right eye present at a predetermined position in the character string input in said file-name input step with an identifier for the right eye or the left eye, respectively;

a reading step of reading two image files having a file name for the left eye or the right eye input in said file-name input step and a file name for the right eye or the left eye where the identifier has been replaced in said identifier replacement step, as a pair of stereoscopic images for the left eye and the right eye; and

a displaying step of displaying the pair of stereoscopic images.

17. A storage medium for storing a program for reading and displaying image files of a pair of left and right stereoscopic images, said

program comprising execution of:

an input step of inputting a character string of a portion common to two image-file names corresponding to an arbitrary pair of stereoscopic images when selecting the pair of stereoscopic images from a plurality of image files;

an identifier addition step of adding an identifier for a left eye or a right eye to the character string input in said input step;

a reading step of reading two image files having the identifier added in said identifier addition step as a pair of stereoscopic images for the left eye and the right eye; and

a displaying step of displaying the pair of stereoscopic images.

18. A storage medium for storing a program for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising execution of:

a file-name input step of inputting a character string of one of two image-file names corresponding to an arbitrary pair of stereoscopic images when selecting the pair of stereoscopic images from a plurality of image files;

an identifier replacement step of replacing an identifier for a left eye or a right eye present at a predetermined position in the character string input in said file-name input step with an identifier for the right eye or the left eye, respectively;

a reading step of reading two image files having a file name for the left eye or the right eye input in said file-name input step and a file name for the right eye or the left eye where the identifier has been replaced in said identifier replacement step, as a pair of stereoscopic images for the left eye

and the right eye; and

a displaying step of displaying the pair of stereoscopic images.

19. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

display-order reading means for reading information assigning an order of display of a plurality of stereoscopic images, from a file; and

stereoscopic-image display means for sequentially displaying the plurality of stereoscopic images in accordance with the order indicated by the information read by said display-order reading means.

20. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

display-order input means for inputting information assigning an order of display of a plurality of stereoscopic images in accordance with an instruction of a user; and

stereoscopic-image display means for sequentially displaying the plurality of stereoscopic images in accordance with the order indicated by the information input by said display-order input means.

21. An apparatus according to Claim 19, further comprising display-order-recording-file-name input means for inputting a file name of a file recording the information assigning the order of display of the plurality of stereoscopic images, in accordance with an instruction of a user, wherein said



display-order reading means reads the information assigning the order of display of the plurality of stereoscopic images from the file having the file name input by said display-order-recording-file-name input means.

22. An apparatus according to Claim 21, further comprising display-order-changing-information input means for inputting information for changing the order of display of the stereoscopic images, in accordance with an instruction of the user, and display-order changing means for changing the order of display in accordance with the information input by said display-order-changing-information input means.

23. An apparatus according to Claim 21, wherein the file records information for correlating image-file names of the plurality of stereoscopic images with positions on a two-dimensional arrangement where the plurality of stereoscopic images are displayed, and wherein said display-order reading means reads the information assigning the order of display of the plurality of stereoscopic images from the file.

24. An apparatus according to Claim 23, further comprising two-dimensional-position-information input means for inputting information assigning positions on the two-dimensional arrangement where the plurality of stereoscopic images are displayed or movement of the positions in accordance with an instruction of the user, wherein said display-order reading means determines a stereoscopic image to be displayed next time in accordance with two-dimensional-position information input by said two-dimensional-position-information input means.

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25. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

left-and-right-interval input means for inputting, when a numeral consecutively changing so as to correspond to a change in the contents of an image is given to a part of each of respective file names of a plurality of image files, each including an image which rotates with a constant angle in a predetermined direction, and when two image files separated by an interval between the values of numerals, each given to the part of the corresponding file name, are made to be image files of a pair of left and right stereoscopic images, the interval between the numerical values in accordance with an instruction of a user;

stereoscopic-image-file determination means for automatically determining two image files, each including one of two numerals having the interval between the numerical values input by said left-and-right-interval input means as a part of a file name, as image files of a pair of left and right stereoscopic images; and

stereoscopic-image display means for displaying the image files of the stereoscopic images determined by said stereoscopic-image-file determination means in an ascending order or a descending order of the values of numerals, each given to the part of the corresponding image-file name.

26. An apparatus according to Claim 25, further comprising stereoscopic-image-file-name recording means for recording the image-file names of the stereoscopic images determined by said stereoscopic-image-file

determination means in a predetermined file in an ascending order or a descending order of the values of the numerals, each given to the part of the corresponding image-file name, wherein said stereoscopic-image display means reads and displays image-file names of a plurality of stereoscopic images recorded by said stereoscopic-image-file-name recording means in an order of recording.

27. An apparatus according to Claim 26, further comprising recording-file-name input means for inputting in advance a file name of a file to be utilized by said stereoscopic-image-file-name recording means as a recording file, in accordance with an instruction of the user.

28. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

left-and-right-frame-interval input means for inputting, when a plurality of image frames, each including an image which rotates with a constant angle in a predetermined direction, are stored in an image file in an order of changes of the contents of respective images, and when two image frames separated by a predetermined frame interval from among the plurality of image frames stored in the image file are made to be a pair of left and right stereoscopic images, the frame interval in accordance with an instruction of a user;

stereoscopic-image determination means for automatically determining two image files having the frame interval input by said left-and-right-frame-interval input means as a pair of left and right

stereoscopic images; and

stereoscopic-image display means for displaying the stereoscopic images determined by said stereoscopic-image determination means in an order of storage of the image frames.

29. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

left-and-right-frame-interval input means for inputting, when a plurality of image frames, each including an image which rotates with a constant angle in a predetermined direction, are stored in a plurality of image files which are referred from a file in an order of changes of the contents of respective images, and when two image frames separated by a predetermined frame interval from among the plurality of image frames stored in the plurality of image files which are referred from the file are made to be a pair of left and right stereoscopic images, the frame interval in accordance with an instruction of a user;

stereoscopic-image determination means for automatically determining two image files having the frame interval input by said left-and-right-frame-interval input means as a pair of left and right stereoscopic images; and

stereoscopic-image display means for displaying a stereoscopic image represented by the pair of left and right stereoscopic images determined by said stereoscopic-image determination means in an order of reference from the file.

30. An apparatus according to Claim 29, further comprising stereoscopic-image-position display means for displaying to which numerical order of a plurality of stereoscopic images the currently displayed stereoscopic image belongs.

31. An apparatus according to Claim 30, further comprising display-order inversion means for inverting the order of display of stereoscopic images.

32. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

- a display-order reading step of reading information assigning an order of display of a plurality of stereoscopic images from a file; and

- a stereoscopic-image display step of sequentially displaying the plurality of stereoscopic images in accordance with the order indicated by the information read in said display-order reading step.

33. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

- a display-order input step of inputting information assigning an order of display of a plurality of stereoscopic images, in accordance with an instruction of a user; and

- a stereoscopic-image display step of sequentially displaying the plurality of stereoscopic images in accordance with the order indicated by the

information input in said display-order input step.

34. A method according to Claim 32, further comprising a display-order-recording-file-name input step of inputting a file name of a file recording the information assigning the order of display of the plurality of stereoscopic images, in accordance with an instruction of a user, wherein in said display-order reading step, the information assigning the order of display of the plurality of stereoscopic images is read from the file having the file name input in said display-order-recording-file-name input step.

35. A method according to Claim 34, further comprising a display-order-changing-information input step of inputting information for changing the order of display of the stereoscopic images, in accordance with an instruction of the user, and a display-order changing step of changing the order of display in accordance with the information input in said display-order-changing-information input step.

36. A method according to Claim 34, wherein the file records information for correlating image-file names of the plurality of stereoscopic images with positions on a two-dimensional arrangement where the plurality of stereoscopic images are displayed, and wherein in said display-order reading step, the information assigning the order of display of the plurality of stereoscopic images is read from the file.

37. A method according to Claim 36, further comprising a two-dimensional-position-information input step of inputting information

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assigning positions on the two-dimensional arrangement where the plurality of stereoscopic images are displayed or movement of the positions in accordance with an instruction of the user, wherein in said display-order reading step, a stereoscopic image to be displayed next time is determined in accordance with two-dimensional-position information input in said two-dimensional-position-information input step.

38. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

a left-and-right-interval input step of inputting, when a consecutively changing numeral corresponding to a change in the contents of an image is given to a part of each of respective file names of a plurality of image files, each including an image which rotates with a constant angle in a predetermined direction, and when two image files separated by an interval between the values of numerals, each given to the part of the corresponding file name, are made to be image files of a pair of left and right stereoscopic images, the interval between the numerical values in accordance with an instruction of a user;

a stereoscopic-image-file determination step of automatically determining two image files, each including one of two numerals having the interval between the numerical values input in said left-and-right-interval input step as a part of a file name, as image files of a pair of left and right stereoscopic images; and

a stereoscopic-image display step of displaying the image files of the stereoscopic images determined in said stereoscopic-image-file determination

step in an ascending order or a descending order of the values of numerals, each given to the part of the corresponding image-file name.

39. A method according to Claim 38, further comprising a stereoscopic-image-file-name recording step of recording the image-file names of the stereoscopic images determined in said stereoscopic-image-file determination step in a predetermined file in an ascending order or a descending order of the values of the numerals, each given to the part of the corresponding image-file name, wherein in said stereoscopic-image display step, image-file names of a plurality of stereoscopic images recorded in said stereoscopic-image-file-name recording step are read and displayed in an order of recording.

40. A method according to Claim 39, further comprising a recording-file-name input step of inputting in advance a file name of a file to be utilized in said stereoscopic-image-file-name recording step as a recording file, in accordance with an instruction of the user.

41. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

a left-and-right-frame-interval input step of inputting, when a plurality of image frames, each including an image which rotates with a constant angle in a predetermined direction, are stored in an image file in an order of changes of the contents of respective images, and when two image frames separated by a predetermined frame interval from among the



plurality of image frames stored in the image file are made to be a pair of left and right stereoscopic images, the frame interval in accordance with an instruction of a user;

a stereoscopic-image determination step of automatically determining two image files having the frame interval input in said left and-right-frame-interval input step as a pair of left and right stereoscopic images; and

a stereoscopic-image display step of displaying the stereoscopic images determined in said stereoscopic-image determination step in an order of storage of the image frames.

42. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

a left-and-right-frame-interval input step of inputting, when a plurality of image frames, each including an image which rotates with a constant angle in a predetermined direction, are stored in a plurality of image files which are referred from a file in an order of changes of the contents of respective images, and when two image frames separated by a predetermined frame interval from among the plurality of image frames stored in the plurality of image files which are referred from the file are made to be a pair of left and right stereoscopic images, the frame interval in accordance with an instruction of a user;

a stereoscopic-image determination step of automatically determining two image files having the frame interval input in said left-and-right-frame-interval input step as a pair of left and right stereoscopic

images; and

a stereoscopic-image display step of displaying the stereoscopic images determined in said stereoscopic-image determination step in an order of reference from the file.

43. A method according to Claim 42, further comprising a stereoscopic-image-position display step of displaying to which numerical order of a plurality of stereoscopic images the currently displayed stereoscopic image belongs.

44. A method according to Claim 43, further comprising a display-order inversion step of inverting the order of display of stereoscopic images.

45. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

a display-order reading procedure of reading information assigning an order of display of a plurality of stereoscopic images from a file; and

a stereoscopic-image display procedure of sequentially displaying the plurality of stereoscopic images in accordance with the order indicated by the information read in said display-order reading procedure.

46. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

a display-order input procedure of inputting information assigning an order of display of a plurality of stereoscopic images in accordance with an instruction of a user; and

a stereoscopic-image display procedure of sequentially displaying the plurality of stereoscopic images in accordance with the order indicated by the information input in said display-order input procedure.

47. A storage medium according to Claim 45, said program further comprising a display-order-recording-file-name input procedure of inputting a file name of a file recording the information assigning the order of display of the plurality of stereoscopic images in accordance with an instruction of the user, wherein in said display-order reading procedure, the information assigning the order of display of the plurality of stereoscopic images is read from the file having the file name input in said display-order-recording-file-name input procedure.

48. A storage medium according to Claim 47, said program further comprising a display-order-changing-information input procedure of inputting information for changing the order of display of the stereoscopic images in accordance with an instruction of the user, and a display-order changing procedure of changing the order of display in accordance with the information input in said display-order-changing-information input procedure.

49. A storage medium according to Claim 47, wherein the file records information for correlating image-file names of the plurality of stereoscopic

images with positions on a two-dimensional arrangement where the plurality of stereoscopic images are displayed, and wherein in said display-order reading procedure, the information assigning the order of display of the plurality of stereoscopic images is read from the file.

50. A storage medium according to Claim 49, said program further comprising a two-dimensional-position-information input procedure of inputting information assigning positions on the two-dimensional arrangement where the plurality of stereoscopic images are displayed or movement of the positions in accordance with an instruction of the user, wherein in said display-order reading procedure, a stereoscopic image to be displayed next time is determined in accordance with two-dimensional-position information input in said two-dimensional-position-information input procedure.

51. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

a left-and-right-interval input procedure of inputting, when a consecutively changing numeral corresponding to a change in the contents of an image is given to a part of each of respective file names of a plurality of image files, each including an image which rotates with a constant angle in a predetermined direction, and when two image files separated by an interval between the values of numerals, each given to the part of the corresponding file name, are made to be image files of a pair of left and right stereoscopic images, the interval between the numerical values in accordance with an

instruction of a user;

a stereoscopic-image-file determination procedure of automatically determining two image files, each including one of two numerals having the interval between the numerical values input in said left-and-right-interval input procedure as a part of a file name, as image files of a pair of left and right stereoscopic images; and

a stereoscopic-image display procedure of displaying the image files of the stereoscopic images determined in said stereoscopic-image-file determination procedure in an ascending order or a descending order of the values of numerals, each given to the part of the corresponding image file name.

52. A storage medium according to Claim 51, said program further comprising a stereoscopic-image-file-name recording procedure of recording the image-file names of the stereoscopic images determined in said stereoscopic-image-file determination procedure in a predetermined file in an ascending order or a descending order of the values of the numerals, each given to the part of the corresponding image-file name, wherein in said stereoscopic-image display procedure, image-file names of a plurality of stereoscopic images recorded in said stereoscopic-image-file-name recording procedure are read and displayed in an order of recording.

53. A storage medium according to Claim 52, said program further comprising a recording-file-name input procedure of inputting in advance a file name of a file to be utilized in said stereoscopic-image-file-name recording procedure as a recording file, in accordance with an instruction of the user.

54. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

a left-and-right-frame-interval input procedure of inputting, when a plurality of image frames, each including an image which rotates with a constant angle in a predetermined direction, are stored in an image file in an order of changes of the contents of respective images, and when two image frames separated by a predetermined frame interval from among the plurality of image frames stored in the image file are made to be a pair of left and right stereoscopic images, the frame interval in accordance with an instruction of a user;

a stereoscopic-image determination procedure of automatically determining two image files having the frame interval input in said left-and-right-frame-interval input procedure as a pair of left and right stereoscopic images; and

a stereoscopic-image display procedure of displaying the stereoscopic images determined in said stereoscopic-image determination procedure in an order of storage of the image frames.

55. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

a left-and-right-frame-interval input procedure of inputting, when a plurality of image frames, each including an image which rotates with a constant angle in a predetermined direction, are stored in a plurality of

image files which are referred from a file in an order of changes of the contents of respective images, and when two image frames separated by a predetermined frame interval from among the plurality of image frames stored in the plurality of image files which are referred from the file are made to be a pair of left and right stereoscopic images, the frame interval in accordance with an instruction of a user;

a stereoscopic-image determination procedure of automatically determining two image files having the frame interval input in said left-and-right-frame-interval input procedure as a pair of left and right stereoscopic images; and

a stereoscopic-image display procedure of displaying the stereoscopic images determined in said stereoscopic-image determination procedure in an order of reference from the file.

56. A storage medium according to Claim 55, said program further comprising a stereoscopic-image-position display procedure of displaying to which numerical order of a plurality of stereoscopic images the currently displayed stereoscopic image belongs.

57. A storage medium according to Claim 56, said program further comprising a display-order inversion procedure of inverting the order of display of stereoscopic images.

58. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

stereoscopic-image-setting storage means for storing setting values relating to formation or display of a stereoscopic image that is not included in image files of stereoscopic images in a predetermined file;

reading means for reading the setting values from the file; and

display means for displaying the stereoscopic image corresponding to the setting values.

59. An apparatus according to Claim 58, further comprising stereoscopic-image-setting-storing file-name input means for inputting a file name of the file where the setting values are stored by said stereoscopic-image-setting storage means in accordance with an instruction of a user.

60. An apparatus according to Claim 58, further comprising stereoscopic-image-setting-storing-file-name forming means for automatically forming a file name of the file where the setting values are stored by said stereoscopic-image-setting storage means, by changing a part of image-file names of stereoscopic images.

61. A stereoscopic-image display apparatus for reading and displaying image files of a pair of left and right stereoscopic images, said apparatus comprising:

stereoscopic-image-setting reading means for reading setting values relating to formation or display of a stereoscopic image that is not included in the image files of the stereoscopic images from a predetermined file; and

display means for displaying the stereoscopic image corresponding to



the setting values.

62. An apparatus according to Claim 61, further comprising stereoscopic-image-setting-reading-file-name input means for reading a file name of the file from which the setting values are read by said stereoscopic-image-setting reading means in accordance with an instruction of a user.

63. An apparatus according to Claim 61, further comprising stereoscopic-image-setting-reading-file-name forming means for automatically forming a file name of the file from which the setting values are read by said stereoscopic-image-setting reading means, by changing a part of image-file names of stereoscopic images.

64. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

- a stereoscopic-image-setting storage step of storing a setting value relating to formation or display of a stereoscopic image which is not included in the image files of the stereoscopic images in a predetermined file;

- a reading step of reading the setting value from the file; and

- a displaying step of displaying the stereoscopic image corresponding to the setting value.

65. A method according to Claim 64, further comprising a stereoscopic-image-setting-storing-file-name input step of inputting a file

name of the file where the setting values are stored in said stereoscopic-image-setting storage step in accordance with an instruction of a user.

66. A method according to Claim 64, further comprising a stereoscopic-image-setting-storing-file-name forming step of automatically forming a file name of the file where the setting values are stored in said stereoscopic-image-setting storage step, by changing a part of file names of stereoscopic images.

67. A stereoscopic-image display method for reading and displaying image files of a pair of left and right stereoscopic images, said method comprising:

a stereoscopic-image-setting reading step of reading setting values relating to formation or display of a stereoscopic image which is not included in the image files of the stereoscopic images from a predetermined file; and

a displaying step of displaying the stereoscopic image corresponding to the setting values.

68. A method according to Claim 67, further comprising a stereoscopic-image-setting-reading-file-name input step of reading a file name of the file from which the setting values are read in said stereoscopic-image-setting reading step in accordance with an instruction of a user.

69. A method according to Claim 67, further comprising a

stereoscopic-image-setting-reading-file-name forming step of automatically forming a file name of the file from which the setting values are read in said stereoscopic-image-setting reading step, by changing a part of image-file names of the stereoscopic images.

70. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

- a stereoscopic-image-setting storage procedure of storing setting values relating to formation or display of a stereoscopic image which is not included in the image files of the stereoscopic images in a predetermined file;

- a reading procedure of reading the setting values from the file; and

- a display procedure of displaying the stereoscopic image corresponding to the setting values.

71. A storage medium according to Claim 70, said program further comprising a stereoscopic-image-setting-storing-file-name input procedure of inputting a file name of the file where the setting values are stored in said stereoscopic-image-setting storage procedure in accordance with an instruction of a user.

72. A storage medium according to Claim 70, said program further comprising a stereoscopic-image-setting-storing-file-name forming procedure of automatically forming a file name of the file where the setting values are stored in said stereoscopic-image-setting storage procedure, by changing a part of image-file names of stereoscopic images.

73. A storage medium for storing a program, capable of being executed by a computer, for reading and displaying image files of a pair of left and right stereoscopic images, said program comprising:

a stereoscopic-image-setting reading procedure of reading setting values relating to formation or display of a stereoscopic image which is not included in the image files of the stereoscopic images, from a predetermined file; and

a display procedure of displaying the stereoscopic image corresponding to the setting values.

74. A storage medium according to Claim 73, said program further comprising a stereoscopic-image-setting-reading-file-name input procedure of reading a file name of the file from which the setting values are read in said stereoscopic-image-setting reading procedure in accordance with an instruction of a user.

75. A storage medium according to Claim 73, said program further comprising a stereoscopic-image-setting-reading-file-name forming procedure of automatically forming a file name of the file from which the setting values are read in said stereoscopic-image-setting reading procedure, by changing a part of image-file names of stereoscopic images.

76. A stereoscopic-image display apparatus for displaying a stereoscopic image formed by alternately synthesizing a pair of left and right images with a constant interval adapted to display characteristics of a display, on the display, said apparatus comprising:

synthesis-order inversion means for inverting an order of synthesis of the left and right images; and

display means for displaying the left and right images corresponding to the inverted order of synthesis.

77. An apparatus according to Claim 76, further comprising inversion necessity input means for inputting necessity of inverting the order of synthesis of the left and right images in accordance with an instruction of an user, wherein it is determined whether or not the order of synthesis of the left and right images is to be inverted based on a value input by said inversion necessity input means.

78. A stereoscopic-image display apparatus for displaying a stereoscopic image formed by alternately synthesizing a pair of left and right images with a constant interval, said apparatus comprising:

display means, said display means having a set of display characteristics; and

display-position moving means for moving a display position of the stereoscopic image by the constant interval,

wherein the constant interval is adapted to the display characteristics, and the stereoscopic image is displayed on the display means at the moved-to display position.

79. An apparatus according to Claim 78, further comprising movement necessity input means for inputting necessity of performing display by moving the position of display of the stereoscopic image by the

constant interval adapted to the display characteristics of the display in accordance with an instruction of a user, wherein it is determined whether or not display is to be performed by moving the position of display of the stereoscopic image by the constant interval based on a value input by said movement necessity input means.

80. A stereoscopic-image display method for displaying a stereoscopic image formed by alternately synthesizing a pair of left and right images with a constant interval adapted to display characteristics of a display on the display, said method comprising:

a synthesis-order inversion step of inverting an order of synthesis of the left and right images; and

a display step of displaying the left and right images according to the inverted order of synthesis.

81. A method according to Claim 80, further comprising an inversion necessity input step of inputting necessity of inverting the order of synthesis of the left and right images in accordance with an instruction of an user, wherein it is determined whether or not the order of synthesis of the left and right images is to be inverted based on a value input in said inversion necessity input step.

82. A stereoscopic-image display method for displaying a stereoscopic image formed by alternately synthesizing a pair of left and right images with a constant interval, said method comprising:

a display-position moving step of moving a display position of the

stereoscopic image by the constant interval; and

a displaying step of displaying the stereoscopic image at the moved-to display position on a display having display characteristics,

wherein the constant interval is adapted to the display characteristics.

83. A method according to Claim 82, further comprising a movement necessity input step of inputting necessity of performing display by moving the position of display of the stereoscopic image by the constant interval adapted to the display characteristics of the display in accordance with an instruction of a user, wherein it is determined whether or not display is to be performed by moving the position of display of the stereoscopic image by the constant interval based on a value input in said movement necessity input step.

84. A storage medium for storing a program, capable of being executed by a computer, for displaying a stereoscopic image formed by alternately synthesizing a pair of left and right images with a constant interval adapted to display characteristics of a display on the display, said program comprising:

a synthesis-order inversion procedure of inverting an order of synthesis of the left and right images; and

a display procedure of displaying the left and right images according to the inverted order of synthesis.

85. A storage medium according to Claim 84, said program further

comprising a movement necessity input procedure of inputting necessity of inverting the order of synthesis of the left and right images in accordance with an instruction of a user, wherein it is determined whether or the order of synthesis of the left and right images is to be inverted based on a value input in said inversion necessity input procedure.

86. A storage medium for storing a program, capable of being executed by a computer, for displaying a stereoscopic image formed by alternately synthesizing a pair of left and right images with a constant interval, said program comprising:

a display-position moving procedure for moving a display position of the stereoscopic image by the constant interval; and

a display procedure of displaying the stereoscopic image at the moved-to display position on a display having display characteristics,

wherein the constant value is adapted to the display characteristics.

87. A storage medium according to Claim 86, said program further comprising a movement necessity input procedure of inputting necessity of performing display by moving the position of display of the stereoscopic image by the constant interval adapted to the display characteristics of the display in accordance with an instruction of a user, wherein it is determined whether or not display is to be performed by moving the position of display of the stereoscopic image by the constant interval based on a value input in said movement necessity input procedure.